

DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

(R)-CHIRAL HALOGENATED 1-SUBSTITUTEDAMINO-(n+1)- ALKANOLS USEFUL FOR INHIBITING CHOLESTERYL ESTER TRANSFER PROTEIN ACTIVITY

The specification of which, with any Preliminary Amendment, (check one)

☐ is attached hereto

☐ was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a)

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority Claimed

☐ Yes ☐ No

(Number) (Country) (Day/month/year filed)

☐ Yes ☐ No

(Number) (Country) (Day/month/year filed)

☐ Yes ☐ No

(Number) (Country) (Day/month/year filed)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing date) (Status)

(Application Serial No.) (Filing date) (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint as attorneys/agents: S. CHRISTOPHER BAUER, Registration No. 42,307; GEORGE R. BECK, Registration No. 21,180; DENNIS A. BENNETT, Registration No. 34,547; JON H. BEUSEN, Registration No. 30,610; GARY M. BOND, Registration No. 29,283; GRACE L. BONNER, Registration No. 32,963; JOSEPH W. BULOCK, Registration No. 37,103; JAMES C. FORBES, Registration No. 39,457; DENNIS R. HOERNER, Registration No. 30,914; J. TIMOTHY KEANE, Registration No. 27,808; CYNTHIA S. KOVACEVIC, Registration No. 35,578; LARRY M. LAVIN, Registration No. 30,768; THOMAS P. MCBRIDE, Registration No. 32,706; RICHARD A. MUELLER, Registration No. 41,094; MICHAEL J. ROTH 29,342; ALAN SCRIVNER, Registration No. 43,104; RICHARD H. SHEAR, Registration No. 26,583; BRIAN K. STIERWALT, Registration No. 33,213; ROGER A. WILLIAMS, Registration No. 27679; to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct all telephone calls to J. Timothy Keane at 314-694-9090 and address all correspondence to:

G. D. Searle & Co.
Corporate Patent Law Department
P.O. Box 5110
Chicago, Illinois 60680-9889

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1)

FULL NAME OF INVENTOR	LAST NAME Sikorski	FIRST NAME James	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Des Peres	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2313 East Royal Court	CITY Des Peres	STATE OR COUNTRY Missouri
			ZIPCODE 63131
SIGNATURE OF INVENTOR 1	<i>James A. Sikorski</i>		DATE 11/2/99

2)

FULL NAME OF INVENTOR	LAST NAME Durley	FIRST NAME Richard	MIDDLE NAME C.
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 509 Princeton Gate Court	CITY Chesterfield	STATE OR COUNTRY Missouri
			ZIPCODE 63017
SIGNATURE OF INVENTOR 2	<i>R. A. Durley</i>		DATE 11/2/99

3)

FULL NAME OF INVENTOR	LAST NAME Grapperhaus	FIRST NAME Margaret	MIDDLE NAME L.
RESIDENCE & CITIZENSHIP	CITY Troy	STATE OR FOREIGN COUNTRY Illinois	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 518 Nancy Ct.	CITY Troy	STATE OR COUNTRY Illinois
			ZIPCODE 62294
SIGNATURE OF INVENTOR 3 <i>Margaret L. Grapperhaus</i>			DATE 11/2/99

4)

FULL NAME OF INVENTOR	LAST NAME Massa	FIRST NAME Mark	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Ballwin	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 422 Buckhurst Drive	CITY Ballwin	STATE OR COUNTRY Missouri
			ZIPCODE 63021
SIGNATURE OF INVENTOR 4 <i>Mark A. Massa</i>			DATE 11/2/99

5)

FULL NAME OF INVENTOR	LAST NAME Reinhard	FIRST NAME Emily	MIDDLE NAME J.
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1132 Wilderness Bluff Ct.	CITY Chesterfield	STATE OR COUNTRY Missouri
			ZIPCODE 63005
SIGNATURE OF INVENTOR 5 <i>Emily J. Reinhard</i>			DATE 11/5/99

6)

FULL NAME OF INVENTOR	LAST NAME Fobian	FIRST NAME Yvette	MIDDLE NAME M.
RESIDENCE & CITIZENSHIP	CITY Labadie	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1260 Fiddle Creek	CITY Labadie	STATE OR COUNTRY Missouri
			ZIPCODE 63055
SIGNATURE OF INVENTOR 6 <i>Yvette M. Fobian</i>			DATE 11-8-99

7)

FULL NAME OF INVENTOR	LAST NAME Tollefson	FIRST NAME Michael	MIDDLE NAME B.
RESIDENCE & CITIZENSHIP	CITY O'Fallon	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 219 Brougham Drive	CITY O'Fallon	STATE OR COUNTRY Missouri
			ZIPCODE 63366
SIGNATURE OF INVENTOR 7 <i>Michael B. Tollefson</i>			DATE 11/8/99

8)

FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Lijuan	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY Wildwood	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. People's Republic of China
POST OFFICE ADDRESS	POST OFFICE ADDRESS 919 Crown Pointe Estate Dr.	CITY Wildwood	STATE OR COUNTRY Missouri
			ZIPCODE 63021
SIGNATURE OF INVENTOR 8			DATE 11/02/99

9)

FULL NAME OF INVENTOR	LAST NAME Hickory	FIRST NAME Brian	MIDDLE NAME S.
RESIDENCE & CITIZENSHIP	CITY Wildwood	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 16883 Paradise Peak Circle	CITY Wildwood	STATE OR COUNTRY Missouri
			ZIPCODE 63011
SIGNATURE OF INVENTOR 9			DATE 11-2-99

10)

FULL NAME OF INVENTOR	LAST NAME Norton	FIRST NAME Monica	MIDDLE NAME B.
RESIDENCE & CITIZENSHIP	CITY St. Louis	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 7777 Gissler Avenue	CITY St. Louis	STATE OR COUNTRY Missouri
			ZIPCODE 63117
SIGNATURE OF INVENTOR 10			DATE 11/5/99

11)

FULL NAME OF INVENTOR	LAST NAME Vernier	FIRST NAME William	MIDDLE NAME F.
RESIDENCE & CITIZENSHIP	CITY St. Louis	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. France
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1535 J Oak Forest Spur Dr.	CITY St. Louis	STATE OR COUNTRY Missouri
			ZIPCODE 63146
SIGNATURE OF INVENTOR 11			DATE 11/5/99

12)

FULL NAME OF INVENTOR	LAST NAME Mischke	FIRST NAME Deborah	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Defiance	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 25 White River Lane	CITY Defiance	STATE OR COUNTRY Missouri
			ZIPCODE 63341
SIGNATURE OF INVENTOR 12			DATE 11/8/99

13)

FULL NAME OF INVENTOR	LAST NAME Promo	FIRST NAME Michele	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Chesterfield	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1366 Westmeade Dr.	CITY Chesterfield	STATE OR COUNTRY Missouri
			ZIPCODE 63017
SIGNATURE OF INVENTOR 13		DATE	
<i>Michele A. Promo</i>		11/2/99	

14)

FULL NAME OF INVENTOR	LAST NAME Hamme	FIRST NAME Ashton	MIDDLE NAME T.
RESIDENCE & CITIZENSHIP	CITY St. Louis	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1501 B Oak Forest Pkwy. Ct.	CITY St. Louis	STATE OR COUNTRY Missouri
			ZIPCODE 63146
SIGNATURE OF INVENTOR 14		DATE	
<i>Ashton Hamme</i>		11-29-99	

15)

FULL NAME OF INVENTOR	LAST NAME Spangler	FIRST NAME Dale	MIDDLE NAME P.
RESIDENCE & CITIZENSHIP	CITY Deerfield	STATE OR FOREIGN COUNTRY Illinois	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 30 Kimberly Ct.	CITY Deerfield	STATE OR COUNTRY Illinois
			ZIPCODE 60015
SIGNATURE OF INVENTOR 15		DATE	
<i>Dale P. Spangler</i>		12/20/99	

16)

FULL NAME OF INVENTOR	LAST NAME Rueppel	FIRST NAME Melvin	MIDDLE NAME L.
RESIDENCE & CITIZENSHIP	CITY St. Louis	STATE OR FOREIGN COUNTRY Missouri	COUNTRY OF CITIZEN. USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1904 Grassy Ridge Rd.	CITY St. Louis	STATE OR COUNTRY Missouri
			ZIPCODE 63122
SIGNATURE OF INVENTOR 16		DATE	
<i>M Rueppel</i>		11/11/99	

ASSIGNMENT

WHEREAS, I/WE, James A. Sikorski, Richard C. Durley, Margaret L. Grapperhaus, Mark A. Massa, Emily J. Reinhard, Yvette M. Fobian, Michael B. Tollefson, Lijuan Wang, Brian S. Hickory, Monica B. Norton, William F. Vernier, Deborah A. Mischke, Michele A. Promo, Ashton T. Hamme and Melvin L. Rueppel, the undersigned, have made certain invention or inventions, in which we are joint inventors with Dale P. Spangler, which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

**(R)-CHIRAL HALOGENATED 1-SUBSTITUTEDAMINO-(n+1)-
ALKANOLS USEFUL FOR INHIBITING CHOLESTERYL ESTER
TRANSFER PROTEIN ACTIVITY**

identified as C-3182, and;

WHEREAS, Monsanto Company, of St. Louis, Missouri, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign and transfer to said Monsanto Company, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said Monsanto Company; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention, inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/WE hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Monsanto Company, as assignee of the entire interest.

I/WE further agree, without any payment by Monsanto Company other than in reimbursement of reasonable expenses I/we may incur, to communicate to said Monsanto Company, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

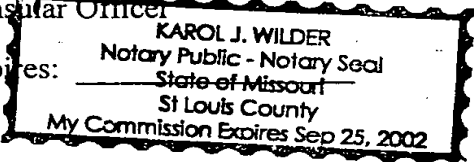
IN TESTIMONY WHEREOF, I/WE have hereto set our hands on the dates set after our signatures.

Signature: *James A. Sikorski* Date: 11/2/99
Name: James A. Sikorski
City and state or country of residence: Des Peres, Missouri, USA

State of MISSOURI }
County of ST. LOUIS } ss.

On this 2nd day of Nov, 1999, before me personally appeared
, to me known to be the person who executed the foregoing instrument and
acknowledged that he/she executed the same as his/her free act and deed; in testimony
whereof I have hereto set my hand and official seal on the day last above written.

(seal)

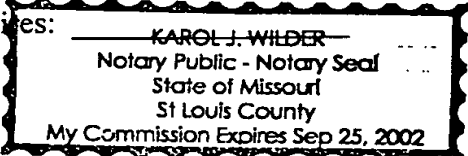
Karol J. Wilder
Notary Public or Consular Officer
My Commission Expires:


Signature: *R. C. Durley* Date: 11/2/99
Name: Richard C. Durley
City and state or country of residence: Chesterfield, Missouri USA

State of MISSOURI }
County of ST. LOUIS } ss.

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(seal)

Karol J. Wilder
Notary Public or Consular Officer
My Commission Expires:


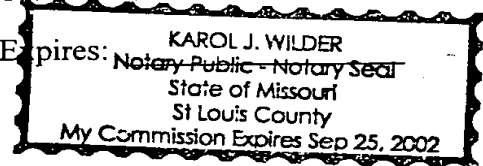
Signature: Margaret L. GrapperhausDate: 11/2/99Name: Margaret L. GrapperhausCity and state or country of residence: Troy, Illinois USAState of MISSOURI }
County of ST. LOUIS } ss.

On this 2nd day of Nov, 1999, before me personally appeared
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whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:

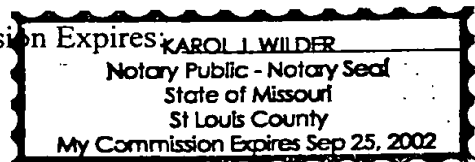
Signature: Mark A. MassaDate: 11/2/99Name: Mark A. MassaCity and state or country of residence: Ballwin, Missouri USAState of MISSOURI }
County of ST. LOUIS } ss.

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(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:



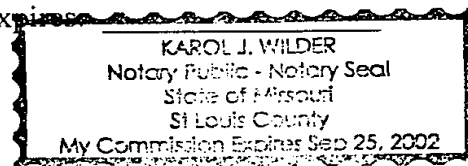
Signature: *Emily J. Reinhard*Date: 11/5/99Name: Emily J. ReinhardCity and state or country of residence: Chesterfield, Missouri USAState of MISSOURI }
County of ST. LOUIS } ss.

On this 5th day of Nov, 1999, before me personally appeared
, to me known to be the person who executed the foregoing instrument and
acknowledged that he/she executed the same as his/her free act and deed; in testimony
whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:

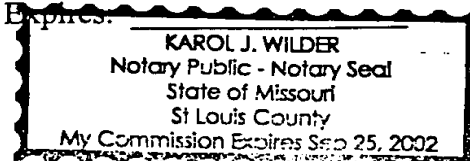
Signature: *Yvette M. Fobian*Date: 11-8-99Name: Yvette M. FobianCity and state or country of residence: Labadie, Missouri USAState of MISSOURI }
County of ST. LOUIS } ss.

On this 8th day of Nov, 1999, before me personally appeared
, to me known to be the person who executed the foregoing instrument and
acknowledged that he/she executed the same as his/her free act and deed; in testimony
whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:



Signature: _____

Date: _____

Name: Michael B. TollefsonCity and state or country of residence: O'Fallon, Missouri USAState of MISSOURICounty of ST. LOUIS

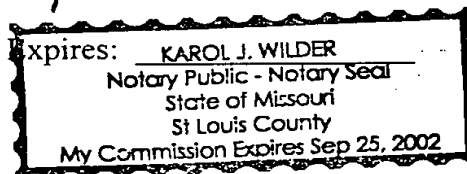
} ss.

On this 8th day of Nov, 1999, before me personally appeared _____, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:



Signature: _____

Date: _____

Name: Lijuan WangCity and state or country of residence: Wildwood, Missouri USAState of MISSOURICounty of ST. LOUIS

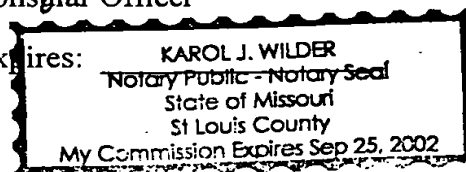
} ss.

On this 2nd day of Nov, 1999, before me personally appeared _____, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:



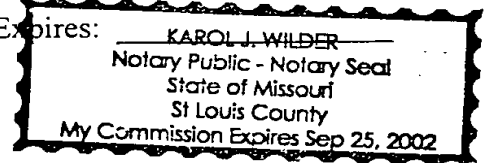
Signature: Brian S. HickoryDate: 11-2-99Name: Brian S. HickoryCity and state or country of residence: Wildwood, Missouri USAState of Missouri }
County of St. Louis } ss.

On this 2nd day of Nov, 1999, before me personally appeared
, to me known to be the person who executed the foregoing instrument and
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(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:

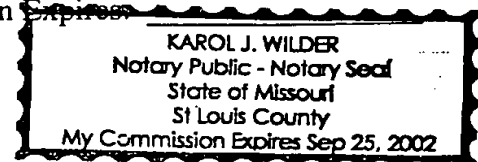
Signature: Monica B. NortonDate: 11/5/99Name: Monica B. NortonCity and state or country of residence: St. Louis, Missouri USAState of Missouri }
County of St. Louis } ss.

On this 5th day of Nov, 1999, before me personally appeared
, to me known to be the person who executed the foregoing instrument and
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whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:



Signature:  Date: 11/5/99

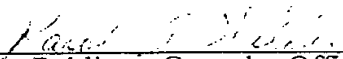
Name: William F. Vernier

City and state or country of residence: St. Louis, Missouri USA

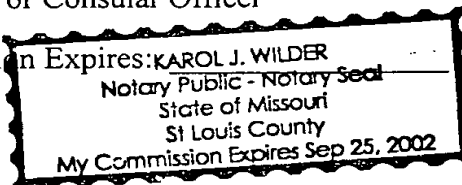
State of MISSOURI }
County of ST. LOUIS } ss.

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acknowledged that he/she executed the same as his/her free act and deed; in testimony
whereof I have hereto set my hand and official seal on the day last above written.

(seal)


Notary Public or Consular Officer

My Commission Expires:



Signature:  Date: 11/8/99

Name: Deborah A. Mischke

City and state or country of residence: Defiance, Missouri USA

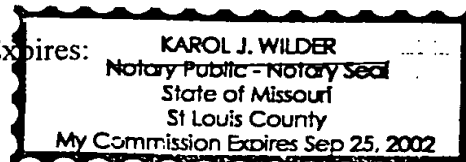
State of MISSOURI }
County of ST. LOUIS } ss.

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acknowledged that he/she executed the same as his/her free act and deed; in testimony
whereof I have hereto set my hand and official seal on the day last above written.

(seal)


Notary Public or Consular Officer

My Commission Expires:



Signature: Michele A. PromoDate: 11/2/99Name: Michele A. PromoCity and state or country of residence: Chesterfield, Missouri USAState of MISSOURI }
County of ST. LOUIS } ss.

On this 2nd day of Nov, 1999, before me personally appeared
 , to me known to be the person who executed the foregoing instrument and
 acknowledged that he/she executed the same as his/her free act and deed; in testimony
 whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
 Notary Public or Consular Officer
 My Commission Expires 11-25-02

KAROL J. WILDER
 Notary Public - Notary Seal
 State of Missouri
 St Louis County
 My Commission Expires Sep 25, 2002

Signature: Ashton T. HammeDate: 11-29-99Name: Ashton T. HammeCity and state or country of residence: St. Louis, Missouri USAState of MISSOURI }
County of ST. LOUIS } ss.

On this 29th day of Nov, 1999, before me personally appeared
 , to me known to be the person who executed the foregoing instrument and
 acknowledged that he/she executed the same as his/her free act and deed; in testimony
 whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
 Notary Public or Consular Officer
 My Commission Expires 11-25-02

KAROL J. WILDER
 Notary Public - Notary Seal
 State of Missouri
 St Louis County
 My Commission Expires Sep 25, 2002

Signature: _____

Date: 11/11/99

Name: Melvin L. Rueppel

City and state or country of residence: St. Louis, Missouri USA

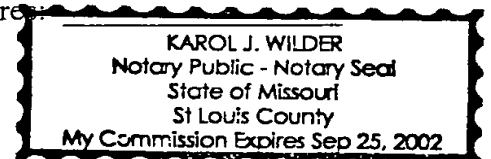
State of MISSOURI }
County of ST. LOUIS } ss.

On this 11th day of Nov, 1999, before me personally appeared _____, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)

Karol J. Wilder
Notary Public or Consular Officer

My Commission Expires:



ASSIGNMENT

WHEREAS, I/WE, Dale P. Spangler, the undersigned, have made certain invention or inventions, in which I am a joint inventor with James A. Sikorski, Richard C. Durley, , Margaret L. Grapperhaus, Mark A. Massa, Emily J. Reinhard, Yvette M. Fobian, Michael B. Tollefson, Lijuan Wang, Brain S. Hickory, Monica B. Norton, William F. Vernier, Deborah A. Mischke, Michele A. Promo, Ashton T. Hamme and Melvin L. Rueppel, which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

**(R)-CHIRAL HALOGENATED 1-SUBSTITUTEDAMINO-(n+1)-
ALKANOLS USEFUL FOR INHIBITING CHOLESTERYL ESTER
TRANSFER PROTEIN ACTIVITY**

identified as C-3182 and;

WHEREAS, Monsanto Company, of St. Louis, Missouri, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign and transfer to said Monsanto Company, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said Monsanto Company; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention, inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/WE hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Monsanto Company, as assignee of the entire interest.

I/WE further agree, without any payment by Monsanto Company other than in reimbursement of reasonable expenses I/we may incur, to communicate to said Monsanto Company, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/WE have hereto set our hands on the dates set after our signatures.

Signature: Dale P. Spangler

Date: 12/20/99

Name: Dale P. Spangler

City and state or country of residence: Deerfield, Illinois USA

State of IL }
County of COOK } ss.

On this 20 day of December 1999, before me personally appeared Dale Spangler, to me known to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)



Carrie Dick
Notary Public or Consular Officer

My Commission Expires: May 23, 2000